



HILLSIDE PRIMARY SCHOOL
BEGINNING OF TERM THREE EXAMINATIONS
2024
MATHEMATICS (SET TWO)
Time Allowed: 2 Hours 30 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

Stream.....

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**.
Section A has 20 questions and Section B has 12 questions
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. All working must be done using a blue or black ball-point pen or fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. No calculators are allowed in the examination room.
5. Unnecessary changes in work may lead to loss of marks. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1- 5		
6- 10		
11- 15		
16- 20		
21- 22		
23- 24		
25- 26		
27- 28		
29- 30		
31- 32		
TOTAL		

SECTION A: 40 MARKS

Answer all the questions in this section

Questions 1 to 20 carry two marks each

1. Subtract: 1 6 0

$$\begin{array}{r} -2\ 6 \\ \hline \end{array}$$

2. Round off 89.96 to the nearest one place of decimal.

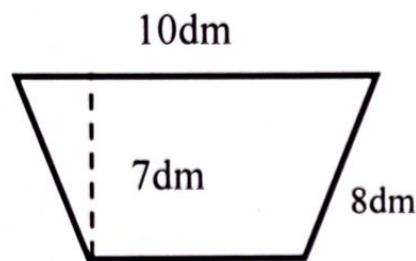
3. Express 1650 hours to 12-hour clock system.

4. How many 350ml bottles can be obtained from a 14litre container?

5. Find the next number in the sequence below:

81, 27, 9, 3, _____

6. Calculate the area of the figure below



7. Reduce sh.240,000 by 20%

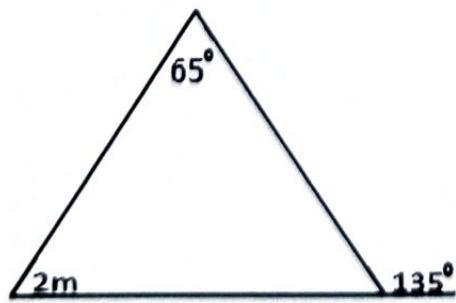
8. Solve for m : $5^{3m} \div 125 = 1$

9. Simplify: $72 \div 8 \times 3$

10. Find the distance round a circular garden of diameter 100m ($\pi=3.14$)

11. Find the lowest Common Factor (L.C.F) of 12 and 18

12. Find the value of m in the figure below.



13. A school bursar issued receipt numbered consecutively from 901 to 950. If each receipt was issued for 20,000. How much did he collect altogether?

14. Expand 294.63 using powers of ten

15. Solve for P: $\frac{p}{4} + 3 = 6$

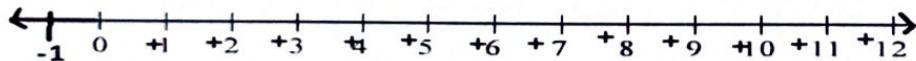
16. Using a ruler, a pencil and a pair of compass, construct an angle of 105°

17. Given that $P=\{a, b, c, d, e, f\}$ and $K=\{a, e, i, o, u, y\}$.

Find $n(P)^1$

18. Simplify: $\frac{2}{3} - \frac{3}{4} + \frac{1}{2}$

19. Using the number line below work out 3×4



20. The perimeter of a rectangle is 44m. if its width is 9m. find its length.

SECTION B: 60 MARKS

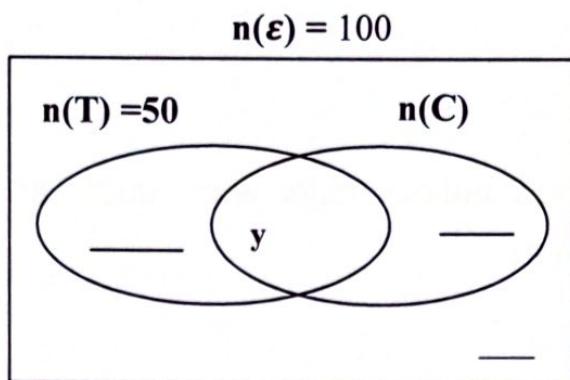
Answer all questions in this section

Marks for each question are indicated in brackets

21. In a class of 100 pupils, 50 like Tea (T), $y + 12$ like coffee only, y like both Tea and Coffee while 18 like neither of the two drinks.

(a) Use the information given above to complete the Venn diagram below.

(3marks)



(b) How many pupils like coffee altogether? (2 marks)

22. The exchange rates at a forex bureau are given as follows.

US\$1 costs Ug sh 3000

K sh 1 costs Ug sh 30

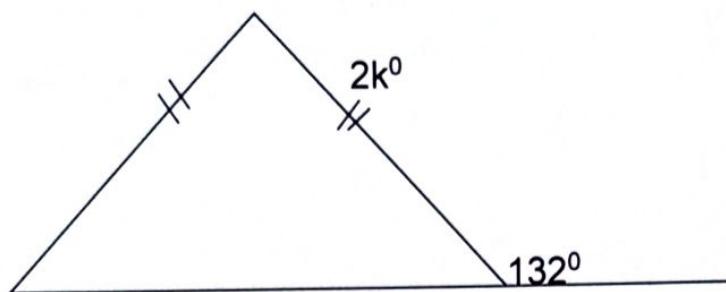
a) A trader has US \$ 1450. How much Uganda shillings does he have?

(2 marks)

b) A radio costs Kshs. 4500. How much United Statesdollars does the same radio cost? (3 marks)

23.a) The complement of $2K - 30^\circ$ is 50° , find the value of K. (2 marks)

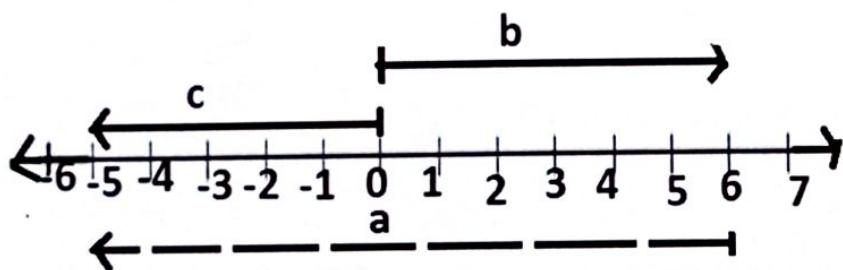
b) Study the diagram below carefully and answer questions about it.



Find the value of k

(3 marks)

24. Study the number line below and use it to answer questions that follow.



a) Write integers represented by:

A..... (1 mark)

b..... (1 mark)

c..... (1 mark)

b) Write the mathematical sentence represented on the number line.
(2 marks)

25.(a) Solve: $-15 \leq 3y - 3 \leq 6$ (3 marks)

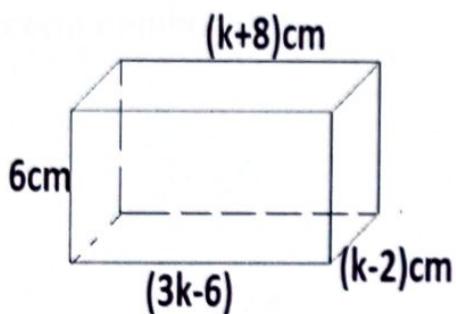
b) Write down the solution set for inequality above. (2 marks)

26. Use the number 36.427 to answer questions that follow.

a) What is the value of 2 (2marks)

(b) Find the product of the value of 3 and the place value of 7. (3 marks)

27. The figure below is a cuboid, use it to answer questions that follow.



a) Find the value of K (2 marks)

b). Calculate its volume. (3marks)

28. a) Find the highest number that can divide 30 and 36 without leaving a remainder. (2 marks)

b) The Lowest Common Multiple (L.C.M) of two numbers is 60 and their Greatest Common Factor (G.C.F) is 10 if the first number is 30. Find the second number. (2 marks)

29. A man spends $\frac{1}{4}$ of his salary on food, $\frac{1}{3}$ on clothing, $\frac{1}{6}$ on fees, $\frac{1}{12}$ on DSTV and banks the rest which is sh.270,000.

a) What fraction of the Salary does he bank? (3 marks)

b) How much does he earn as salary? (2marks)

30. a) With the help of a ruler, a pencil and a pair of compasses only, construct a rectangle HELP in which $HE = 8\text{cm}$ and $EL = 6\text{cm}$.
(4 marks)

b). Measure angle EHL (1 mark)

31. A motorist takes 3 hours to cover a distance at 60km/hr but it takes only 2 hours to return through the same distance.

a) Calculate the average speed of the car for the whole journey.

(3 marks)

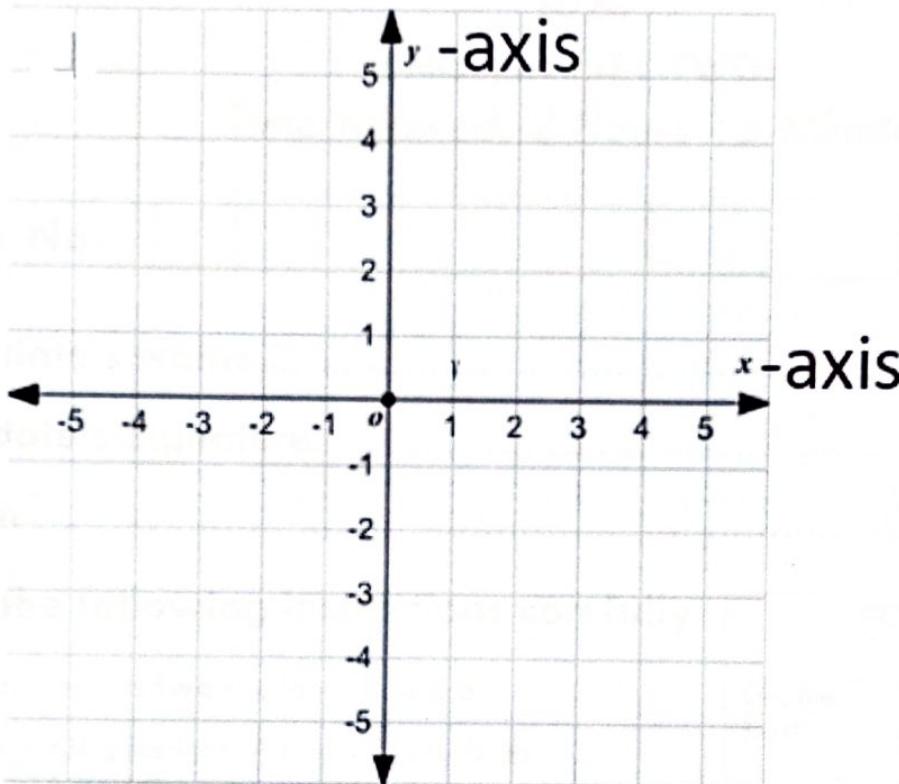
b) Express the average speed in (a) above in metres per second.

(2 marks)

32. a) Plot the flowing co-ordinates on the grid below.

P (-2, 3), Q (3,3), R (3, -1), S (-4, -1)

(4 marks)



b) Join P to Q, Q to R, R to S and S to P (1 mark)

c) Name the figure formed. (1 mark)

END



HILLSIDE PRIMARY SCHOOL
BEGINNING OF TERM THREE EXAMINATIONS
2024

ENGLISH (SET TWO)

Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

Stream

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
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FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A: 50 MARKS

Sub-section I

Questions 1 to 50 carry one mark each

In each of the questions 1 to 5, fill in the blank space with a suitable word.

1. How manyof paraffin did you buy?
2. Our neighbour's niece ateapple and sweet bananas at the party.
3. This jacket is thickto make me warm in this cold weather.
4. John likes swimming and soPeter.
5. The bus.....down on its way to Gulu.

In each of the questions 6 to 15, use the correct form of the word given in brackets to complete the sentence.

6. A lot of mourners attended theof the late Sebaana Kizito. (bury)
7. By the time the police arrived, the thief.....the money in the bush. (hide)
8. The policeman shouted.....at the bus driver who (angry)
9. Children need properfrom parents and teachers. (guide)
10. Of the three siblings, Eleanor is the (beauty)
11. Manchester United played the matches (skill)

12. Our head teacher'sis so difficult that no one can forge it. (sign)

13. The chairman's was rejected (propose)

14. What abouquet Dad offered me! (love)

15. People fear Joseph Kony because of his..... (cruel)

In questions 16 and 17, re-arrange the given words to form a correct sentence.

16. rang while The bathing phone were you.

17. into thieves the break When the did shop?

In questions 18 and 19, use each of the given words in a sentence to show that you know the difference in their meaning.

18. uncle

.....
.....

19. ankle

.....
.....

In questions 20 and 21, re-arrange the given words in alphabetical order.

20. wiper, saddle, brakes, indicator

.....
.....

21. chief, chef, thief, scarf

.....
.....

From numbers 22 to 24, write each of the given abbreviations in full.

22. Cert.....
23. a.m.....
24. CD.....

In questions 25 and 26, re-write the sentences giving the opposite form of the underlined word.

25. Our school has the best actors in the district.

.....
.....

26. That ox is fatter than this one.

.....
.....

In questions 27 and 28, re-write the sentences giving one word for the underlined group of words.

27. I cannot take a seat with my wife's mother.

.....
.....

28. Orumuri Newspaper is published once a week.

.....
.....

In questions 29 and 30, give the plural form of each of the given words.

29. leaf
30. man-servant

Sub-Section II

For questions 31 to 50, re-write the sentences as instructed in brackets.

31. The farmer was weak. He couldn't carry a full bag of maize.

(Re-write the sentence using:too.....to

.....
.....

32. This is the orphan. I told you about him.

(Join using:whom.....)

.....
.....

33. My father owns 100 cows. My uncle also owns 100 cows.

(Re-write the sentences as one beginning: Both.....)

.....
.....

34. Kato is richer than Kakuru.

(Rewrite using:not as

.....
.....

35. As soon as the children crossed the road, the speeding car passed behind them. (Re-write the sentence beginning: No sooner.....)

.....
.....

36. They were very tired. They can't continue running.

(Re-write the sentences using: because)

.....
.....

37. By whom was this glass broken?

(Re-write the sentence beginning: Who

.....
.....

38. Keith is very beautiful boy.

(Re-write the sentence beginning: How

.....
.....

39. All the P.7 candidates will pass the English Paper.

(Re-write the sentences beginning: None

.....
.....

40. If you don't apologise, I won't forgive you.

(Re-write the sentence beginning: Unless

.....
.....

41. They travelled a long distance on their tour to Kasese,?

(Re-write and supply a suitable question tag)

.....
.....

42. Mubiru doesn't drink beer. Biruka doesn't drink beer.

(Join the sentences using:and neither.....)

.....

.....

43. Bena did not go to America. He did not have a passport.

(Re-write the sentence beginning If

.....

.....

44. James likes growing soya beans more than grazing cows.

(Re-write the sentences using:would rather.....)

.....

.....

45. You should look after your health.

(Re-write the sentence beginning: One.....)

.....

.....

46. Their Principal is a Ghanaian.

(Re-write the sentence beginning: A Principal.....)

.....

.....

47. I intend to buy a phone during my vacation.

(Re-write the sentence beginning: My.....)

.....

.....

48. I am related to those three boys.

(Re-write the sentence ending:relatives.)

.....
.....

49. Jamson is very dull. He cannot join P.7.

(Join the sentences using:enough)

.....
.....

50. All that glitters..... (Re-write and complete the proverb)

.....
.....

SECTION B: 50 MARKS

Questions 51 to 55 carry ten marks each

51. Read the following passage and answer the questions that follow in full sentences.

THE LIFE OF MARIA NYANJARA

An old Mukiga woman with a lined face and wrinkled arm, was sitting on a mat. Maria determined to be heard, despite the men of the village.

Barefoot, she was dressed in a brown and blue apron tucked in at her waist and her hair in a scarf. She had placed herself just outside the circle of half a dozen of male elders assembled to greet the visitors from Kabale Town.

The guest officials from the Farmers Forum Association and the head of the village, sat on benches. Beyond the inner circle, thirty to fifty men, women and lots of children looked on, sometimes shouting comments. On the four sides of courtyard were mud-walled buildings with rust brown corrugated iron roofs.

Maria, one of the oldest and with one of the largest farms felt that she had a right to speak. "I am 69 years old. I have three daughters and seven sons," she said. "My husband died sometimes ago. I grow sorghum, cabbages, beans as well as Irish potatoes on two farms totalling to 15 hectares. I also have a poultry farm. I'm happy with the price paid for my Irish potatoes but I think I should be given pesticides, boots and protective clothes, "I should also be paid cash for my crops," she complained.

(i) What is the name of the old woman?

.....
.....

(ii) How many children did she have?

.....
.....

(iii) Where was the old woman sitting?

.....
.....

(iv) What was the old woman wearing?

.....

(v) Why did she think that she had a right to talk?

.....
.....

(vi) Why do you think the old woman is in need of pesticides?

.....
.....

(vii) From which town did the guest officials come?

.....
.....

(viii) According to you, why do you think, the old woman managed to look after her children despite her husband's death?

.....
.....

(ix) Give another word or group of words with the same meaning as those underlined in the passage.

(i) assembled:.....

(ii) beyond:.....

52. Study the programme below and answer the questions that follow in full sentences.

Ntungamo primary school, p.7 concert to be held in the school, main chapel on Monday, 12th august 2017 at 10:30a.m. guest of honour: district inspector of schools, Ntungamo district.

PROGRAMME:

- 10:15a.m. - Guest of Honour arrives
1:30a.m. - National Anthem
10:40a.m. - School Anthem by the School Band
10:45a.m. - Welcome by the Master of Ceremonies
10:50a.m. - Welcome song by the School Choir
11:00a.m. - Traditional drumming by P.5
11:05a.m. - Poem read by the Assistant Head boy
11:15a.m. - Song by P.4
11:30a.m. - Two pieces played by the School Orchestra
11:30a.m. - Poems on the theme of AIDS read by P.6
11:45a.m. - Song by P.7
12:00 noon - Two pieces played by the School Band
12:15a.m. - Play: The Serpent by Drama Society
12:25p.m. - The Master of Ceremonies invites the Guest of Honour to address the audience.
2:30p.m. - Farewell song by the School Choir
12:35p.m. - Guest of Honour leaves.

a) What is the programme about?

.....
.....

b) Who will be the Guest of Honour?

.....
.....

c) Which item will be going on at 11:40a.m.?

.....
.....

d) At what time will the Master of Ceremonies invite the Guest of Honour to address the audience?

.....
.....

e) What is the play about?

.....
.....

f) How many items will be performed by the School Choir?

.....
.....

g) According to the programme, which class will do the traditional drumming?

.....
.....

h) What will be the theme of the concert?

.....
.....

i) What activity will Assistant head boy do?

.....
.....

j) When will the concert be staged?

.....

53. Read the poem below carefully and in full sentences answer the questions that follow.

Child Abuse! Child Abuse!
Corporal punishments,
Child labour
Defilement and
Neglect
Teachers, parents, drug addicts
Please, stop it!

At below 18
We are dying,
We are sick,
We are on streets
We are stigmatized and isolated.

Children, let's stand up
And seek justice through
The church,
The court,
The school authorities and
Community leaders.

MALING JOEL

a) What is the poem about?

.....
.....

b) Apart from defilement, how else are children abused?

.....
.....

c) What are some of the results of child abuse?

.....
.....

d) Suggest any one way children are abused by their parents.

.....

e) What should children do, according to stanza three?

.....

f) How many stanzas does the poem comprise?

.....
.....

g) Who is considered to a child, according to the poem?

.....
.....

h) How many lines are in the poem?

.....

i) Who should help children fight child abuse?

.....

j) Who is the poet?

.....

54. The sentences below are in wrong order. Re-arrange them to make a meaningful story.

1. He was a 'bodaboda' cyclist.
2. One woman had her back burnt.
3. He saw a motor accident involving a fuel tanker.
4. The police came and took the victims to hospital.
5. One day when Mzee was walking along Northern bypass
6. Mzee quickly ran to a police station and reported the accident.
7. The driver who caused the accident was drunk.
8. The other person had his whole body burnt.
9. He was driving a Toyota Noah car recklessly when he hit a fuel tank and it caught fire.
10. She was a daughter of a minister.

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55. You are a pupil at Shuku Primary School, P.O. Box 61, Amurat District.

Write to your parent/guardian requesting him/her to come to your school visiting day due to take place on 30th September, 2017 beginning at 10:00a.m. Remember to tell him/her to bring at least three things for you at school.

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END



HILLSIDE PRIMARY SCHOOL
BEGINNING OF TERM THREE EXAMINATIONS
2024
SOCIAL STUDIES WITH RELIGIOUS EDUCATION (SET TWO)
Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

Stream

Read the following instructions carefully

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FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31- 40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
TOTAL		

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each

1. Give any one problem caused by strong winds in the community.

.....
.....

2. Name the human activity that reduces animals in game parks of East Africa.

.....

3. State any one way most African Countries depend on developed countries.

.....

4. Write any one cause of child labour in our communities today.

.....

5. What was scramble for East Africa?

.....

6. State any one way trees can improve the health of people in the community.

.....

7. Name the agreement that led to the final partition of East Africa.

.....

8. How can a child ensure security at home?

.....

9. State one way the government of Uganda can control population growth.

.....

10. Who formed GEACO in Tanganyika?

.....

11. Mention any one service provided to children by UNICEF.

.....

12. Give any one problem caused by poor farming methods to the environment.

.....

Use the diagram below to answer questions 13 and 14



13. Which system of election is shown above?

.....

14. Name the election material marked A.

.....

15. Mention any one cultural ceremony in your community.

.....

16. How was salt mining important to Bunyoro Kitara Empire?

.....

17. Name the leader who represents the president in a district.

.....

18. Give the reason why the government of Uganda is encouraging plantation farming.

.....
.....

19. What name is given to the region between tropic of cancer and tropic of Capricorn on the globe?

.....

20. Mention any one human activity that supports good climate?

.....

21. Give one reason why the Karamojong use nomadic pastoralism as a system of livestock farming.

.....
.....

22. Which type of natural vegetation is characterized by grass and few scattered trees?

.....

23. Name the natural resource where most human activities are done.

.....

24. State any one problem facing lakes and rivers in Uganda today.

.....
.....

25. Write any one way the coming of foreigners affected African culture.

.....
.....

26. Give any one reason why people save money.

.....
.....

27. Name the process by which most basins were formed in Africa.

.....

28. Write any one role of citizens in promoting law and order in a country.

.....

29. How is informal education important to children?

.....
.....

30. Give the major cause of land fragmentation in urban areas of Uganda today.

.....

31. Mention the prevailing winds that bring rainfall to East Africa.

.....

32. How do feeder roads promote development of rural areas?

.....
.....

33. Name any one local raw materials used in making mats.

.....

34. Mention any one way of reducing unemployment in Uganda.

.....
.....

35. Name the Ethnic group to which the Jaluo of Kenya belong.

.....
.....

For each of the questions 36 to 39, answer **EITHER** the Christian **OR** Islamic questions but **not** both. **NO marks** will be awarded to a candidate who attempts both alternatives in a **particular number**.

36. Either:

Give the reason why Jesus Christ is regarded as a Saviour in Christianity.

.....
.....

Or:

Give one reason why Prophet Mohammed is regarded as the last and most important prophet in Islam.

.....
.....

37. Either:

State any one way Christians can live and grow in faith.

.....

Or: State any one way Muslims can live and grow in faith.

.....

38. Either:

Name any one writer of the gospel books in the Bible.

.....

Or:

Name the Prophet who received Injir according to the Quran.

.....

39. Either:

When do most Christians celebrate the birth of Jesus Christ?

.....

Or: When do Muslims celebrate the of prophet Mohamed

.....

40. Either:

What did Jesus Christ teach us to do to our enemies?

.....

.....

Or:

What did Prophet Muhammad teach us to do to our enemies?

.....

.....

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each

41. a) State any two ways people in our district meet their needs.

- i)
- ii)

b) State any two problems people in our district face in meeting their needs.

- i)
- ii)

42.a) Give any two ways missionaries who came to Africa helped to stop slave trade.

- i)
- ii)

b) State any one way slave trade affected peace in African communities.

.....

c) Which trade replaced slave trade in Africa?

.....

.....

43. (a) State any two characteristics of rain forests.

.....

.....

(b) Why are rain forests commonly found in areas along the equator?

.....

(c) Which economic activity has reduced rainforests in Africa?

.....

.....

44.a) Name the ocean in which river Niger pours its water.

.....

b) State any two economic benefits of river Niger to the people of Nigeria.

i)

ii)

c) Give one factor that has promoted crop growing in the Niger delta

.....

45. Match list A with B correctly.

A

Climate

Mountain climate

Mediterranean climate

Tropical climate

Temperate climate

Mountain climate

Mediterranean climate

Tropical climate

Temperate climate

B

characteristic

Dry and wet

warm and wet summers

cool and wet

warm and wet winters

46.a) Write any two roles that were played by African colonial agents during colonial rule in East Africa.

- i)
- ii)

b) Name any one African colonial agent in the following East African countries.

- (i) Uganda.....
- (ii) Kenya.....

47. a) Mention the symbol of Uganda as a nation that is in music form.

.....

b) State any two things children learn from the national symbol named in (a) above.

- i)
- ii)

c) Mention one school activity in which the school anthem is sung

.....

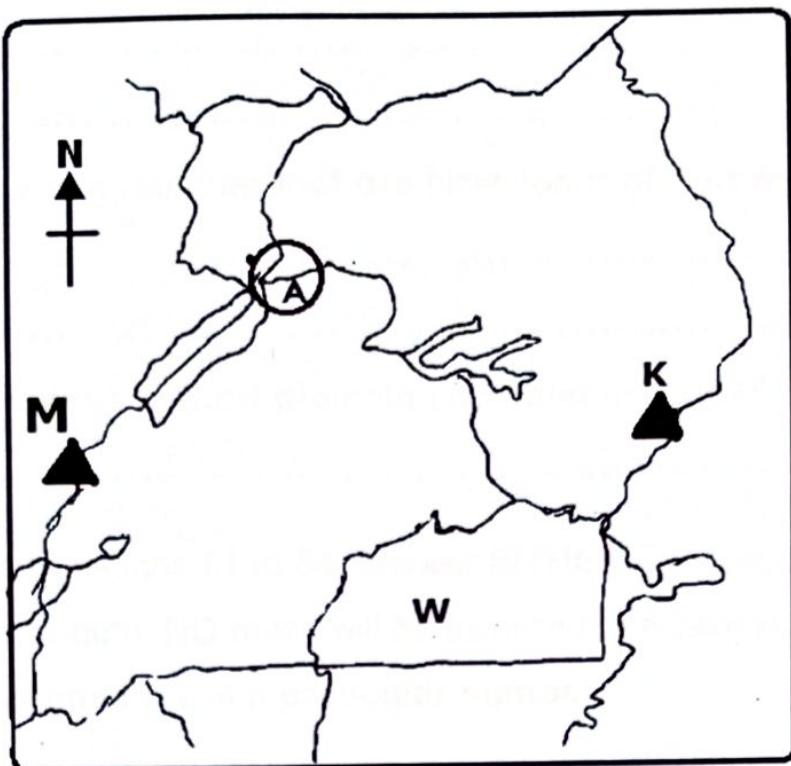
48. a) Give any two reasons why rebellions in East Africa were not successful.

- i)
- ii)

b) Name the countries in which the following rebellions were staged.

- (i) Abushiri revolt.....
- ii) Lamogi rebellion.....

49. Study the map below and answer the questions that follow.



a) Name the main tourist attraction in game park marked A.

.....

b) Compare mountain marked M and mountain marked K in terms of their formation

c) Give any two ways people use lake marked W to earn a living?

.....

d) Apart from Arabica coffee, mention one other cash crop grown by people who live on the slopes of mountain marked K

.....

50. a) What is a hinter land?

.....
.....

b) Mention any two countries that are hinterlands of port Mombasa.

- i)
- ii)

c) How does water transport promote international trade?

.....

For each of the questions **51** to **54**, answer **EITHER** Christian **OR** Islamic questions but **not** both. **NO** mark will be awarded to a candidate who attempts both alternatives in **a particular number**.

51. Either:

a) Who received the Ten Commandments from God?

.....

b) Which of the Ten Commandments teaches us respect for elders?

.....

c) Give any two reasons why God gave the Israelites the Ten Commandments.

i).....

ii).....

Or:

a) Who received the holy Quran from Allah?

.....
.....

- b) Name the place where the Holy Quran was revealed to the person in (a) above.

.....

- c) State any two functions of the Holy Quran to a Muslim.

i)

ii)

52. Either:

- a) Name the sacrament that unites a man and a woman as husband and wife.

.....

- b) Mention any two qualities considered when choosing a marriage partner.

i)

ii)

- c) According to marriage vows, when is a Christian allowed to re-marry.

.....

Or:

- a) Which word is used to mean religious marriage in Islam.

.....

- b) Mention any two qualities considered when choosing a marriage partner.

i)

ii)

d) According to marriage vows, when is a Muslim allowed to re-marry?

.....

53. Either:

a) When do Christians go for congregational prayers?

.....

b) Give any two importance of congregational prayers to a Christian.

(i)

(ii)

d) State any one reason why some people in our communities do not attend congregational prayers today.

.....

Or:

a) When do Muslim go for congregational prayers?

.....

b) Give any two importance of congregational prayer.

i)

ii)

c) State any one reason why some people in our community do not attend congregational prayer.

.....

.....

Either:

- a) Apart from Christianity and Islam, mention any one other religion in Uganda.
-
.....

- b) Mention any two common practices in Christianity.

- i)
- ii)

- c) How does Christianity promote peace in Uganda?
-
.....

Or:

- a) Apart from Islam and Christianity, mention one other religion in Uganda.
-

- b) Mention two common practices in Islam.

- (i)
- (ii)

- c) How does Islam promote peace in Uganda?
-

54. Either:

- a) Why did God send prophets to his people according to the Bible?

.....
.....

(b) Name the prophets who preached the following messages to God's people

(i) Justice and true worship

(ii) Repentance and the coming of the Messiah.....

c) Apart from prophets, mention one other way people get messages from God.

.....

OR:

a) Why did Allah send prophets to His people according to the Quran?

.....

.....

b) Name any one prophet known for great faith in Islam

.....

.....

d) Apart from prophets, mention two other ways people get messages from Allah

i).....

ii).....

END



HILLSIDE PRIMARY SCHOOL
BEGINNING OF TERM THREE EXAMINATIONS
2024

INTEGRATED SCIENCE (SET TWO)

Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

Stream.....

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
Section A has 40 questions and Section B has 15 questions
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written using a blue or black ball-point pen or fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. Unnecessary changes in work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

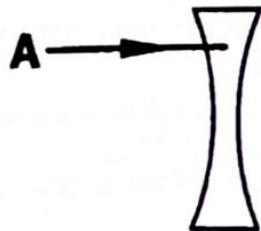
FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
TOTAL		

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name the part of a flowering plant which grows into a side branch.
.....
.....
2. State any **one** factor to be considered when selecting a site for keeping honey bees.
.....
.....
3. Give any **one** use of proteins in the human body.
.....
.....
4. Give any **one** way in which evaporation is important in the environment.
.....
.....
5. Why is it advisable to chew food properly before swallowing it?
.....
.....
6. State any **one** way in which Athlete's foot can be controlled among school children.
.....
.....

The diagram below shows a light ray **A** onto a lens. Use it to answer questions **7** and **8**.



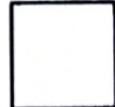
7. Name the type of lens in the diagram above.
.....
8. Complete the path of ray **A** as it passes through the lens.

9. Give any **one** role a School Health Club can play in the control of malaria in a community.

.....

10. Name the part of a human tooth that contains blood capillaries and nerve endings.

.....



11. State the reason why the volume of water in a container rises when a stone is lowered into it.

.....

12. How does cigarette smoking affect the human lungs?

.....

.....

13. State any **one** element of Primary Health Care (PHC) which is important in the prevention of COVID-19.

.....

.....

14. Why are tomatoes grouped as annual crops?

.....

.....

15. State any **one** way of conserving fossil fuels.

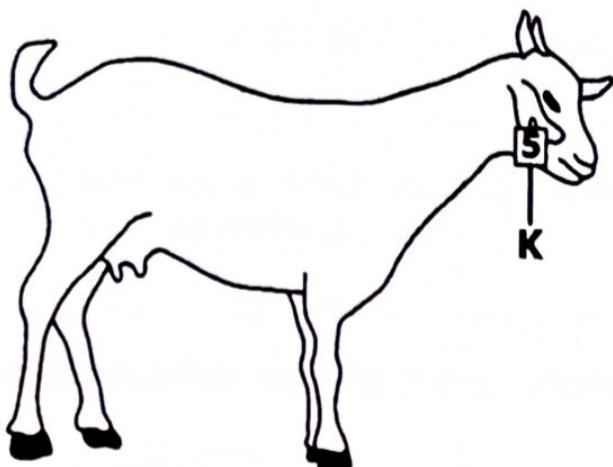
.....

.....

16. Name the vector which spreads river blindness to people.

.....

The diagram below shows one of the management practices in goat rearing.
Use it to answer questions 17 and 18.



17. Name the management practice shown with letter K.

.....

18. How is the above practice important to a goat farmer?

.....

.....

19. Which type of weather favours proper harvesting of beans?

.....

20. Give any **one** way in which you can reduce chances of accidents when crossing a road.

.....



21. Name any **one** human body organ protected by the rib cage.

.....

22. Give any **one** condition that may make an electric bulb fail to produce light in a complete circuit.

.....

23. State any **one** way in which an adolescent can control bad odour that results from body changes.
-
.....

24. Mention any **one** way in which you can prevent some clothes from staining others during washing.
-

Use the diagram of the animal below to answer questions **25** and **26**.



25. Identify the class of vertebrates to which the above animal belongs.
-

26. How does the above animal protect itself?
-

27. State any **one** way in which the spread of tuberculosis can be controlled.
-

28. Mention any **one** way in which food may get contaminated after it has been prepared.
-

29. Why does sound travel fastest in solids compared to other states of matter?
-
.....

30. Apart from proper insulation, state any **one** other way of protecting children against electric shock at home.

.....

31. Give any **one** way in which regular physical exercises help to maintain the muscular-skeletal system healthy.

.....

32. Give **one** way in which moulds are similar to ferns.

.....

33. State **one** reason why ash is usually applied around the pit hole of a latrine.

.....
.....

34. Name **one** excretory product removed by the lungs.

.....

35. Write down any **one** activity that members in a School Science Club can do to conserve the environment.

.....

36. State any **one** way in which echoes can be reduced in a large hall.

.....

37. State **one** way in which water is important during seed germination.

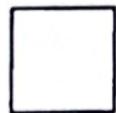
.....

38. How does tapeworm infestation lead to malnutrition in humans?

.....

39. Give any **one** way in which drug poisoning can be prevented among children at home.
-

40. Give any **one** effect of cloud cover in an area.
-



SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each.

41. State the type of change that takes place when;

- (a) A knife rusts.
- (b) Water freezes.
- (c) A fruit ripens.
- (d) Salt dissolves in water.

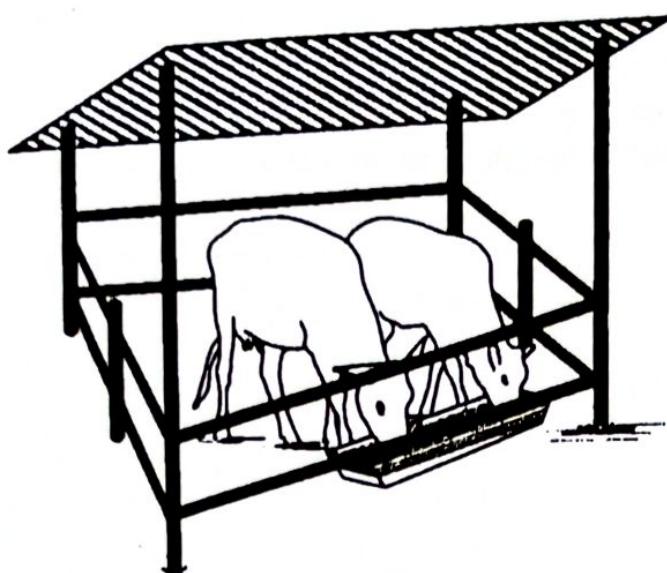
42. (a) Give the meaning of the following terms:

- (i) Sanitation.
.....
.....
- (ii) Personal hygiene.
.....
.....

(b) Identify any **two** activities children can do at school to promote good sanitation.

- (i)
- (ii)

43. The diagram below shows a cattle grazing system. Study and use it to answer the questions that follow.



(a) Name the cattle grazing system shown above.

.....

(b) What type of natural manure can be got from the above system?

.....

(c) Apart from easy collection of manure, state any **two** advantages of the above cattle grazing system.

(i)

.....

(ii)

.....



44. (a) To which class of levers does a see-saw belong?

.....

- (b) Two pupils, Okello and Jjuuko sat on a see-saw. Okello who weighs 40 kg sat 2.5 metres away from the pivot on one side of the see-saw. Jjuuko sat 4 meters away from the pivot on the other side. Find the mass of Jjuuko if the see-saw was balanced.
(03 marks)

45. (a) Name the largest vein in the human body.

.....

- (b) Name the type of blood that is transported by the pulmonary artery.

.....

- (c) State **one** characteristic of arteries that enables them to carry blood at high pressure.

.....

- (d) Give **one** way in which the structure of capillaries enables them to exchange body materials.

.....

46. (a) Name the group of worms to which the following belong;

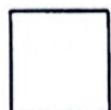
(i) Liver flukes.

(ii) Hookworms.

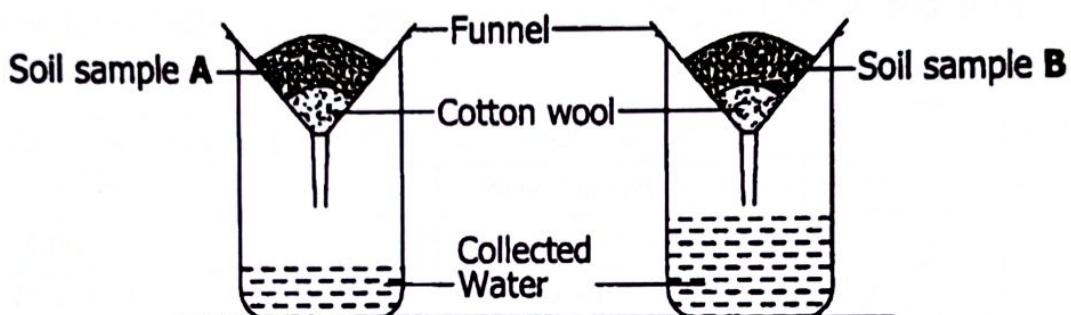
- (b) Apart from improving soil aeration, identify any other **two** ways in which earthworms are important in the soil.

(i)

(ii)



47. The diagram below shows an experiment carried out on two equal amounts of soil samples **A** and **B**. Equal amount of water was poured on the soil samples. The water that passed through the soil samples after ten minutes was collected in containers of the same size as shown. Study and use it to answer the questions that follow.



- (a) What property of soil was being studied in the experiment?

.....

- (b) State the function of the cotton wool in the experiment above.

.....

- (c) Given that the two soil samples were from sand and clay, which of the two samples was clay?

.....

- (d) Give any **one** reason for your answer in (c) above.

.....

48. (a) State any **two** effects of chewing miraa (khat) to the human body.

(i)

(ii)

(b) Mention any **two** things a teenager can do to avoid the habit of chewing miraa (khat).

(i)

.....

(ii)

.....

49. The table below shows crop growing practices in part **A** and their importance in part **B**.

A: Crop growing practice	B: Importance
Staking	- Prevents overcrowding of plants
Mulching	- Removes unwanted plants
Thinning	- Prevents fruits from rotting
Weeding	- Conserves soil moisture

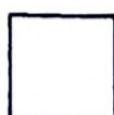
Match correctly the crop growing practices with their importance in the spaces provided below.

(i) Staking

(ii) Mulching

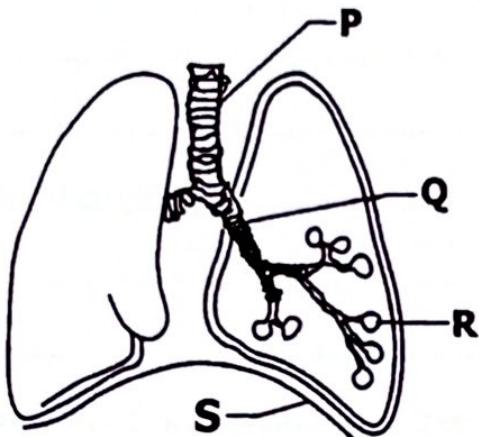
(iii) Thinning

(iv) Weeding



50. (a) Name the method of seed dispersal in;
- (i) Black jack.
- (ii) Coconut.
- (b) Give any **two** ways in which seed dispersal is important to plants.
- (i)
-
- (ii)
-

51. The diagram below is of a human respiratory system. Study the diagram and use it to answer the questions that follow.



- (a) Name the part marked **Q**.
-
- (b) Which substance is part **P** made of?
-
- (c) Give the function of the part marked **R**.
-
- (d) What happens to part **S** during the process of breathing in?
-

52. (a) Name the **two** states of matter through which heat travels by convection.

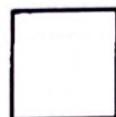
(i)

(ii)

(b) State any **two** ways in which heat transfer by convection is helpful in our daily life.

(i)

(ii)



53. (a) Give the meaning of the following terms:

(i) Agroforestry.

.....

.....

(ii) Mixed cropping.

.....

.....

(b) State any **two** characteristics of a tree suitable for agroforestry.

(i)

.....

(ii)

.....

54. You are provided with the following materials:

Salt, sugar, teaspoon, boiled water and clean containers. After washing your hands, write **four** other steps you will take to prepare salt sugar solution for treating dehydration at home.

(i)

.....

(ii)

.....

(iii)

.....

(iv)

.....

55. (a) Write down any **two** things that can be added to chicken feeds in order to increase the amount of calcium.

(i)

(ii)

(b) State any **two** practices a poultry farmer can do to layers to increase on egg production.

(i)

(ii)

